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THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/702,046 Confirmation No. : 7395  
First Named Inventor : Huaiyu PAN  
Filed : November 6, 2003  
TC/A.U. : 3744  
Examiner : R L LEUNG  
  
Docket No. : 038871.52853US  
Customer No. : 23911  
  
Title : Pulse Tube Refrigerator

**AMENDMENT AFTER ALLOWANCE UNDER RULE 312**

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

May 20, 2005

Sir:

Please enter the following amendments and remarks under 37 C.F.R.  
§1.312.

**Amendments to the Claims** are reflected in the listing of claims which  
begins on page 2 of this paper.

**Remarks** begin on page 6 of this paper.